Manhole Inspection Summary			Manhole # S63A1_004MH
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Inspection	☐ Is Incomplete	Rating: 2) Good	
Record Plat: 63	BA1 Node: <b>004</b>	Status: Found	Insp Date: 3/5/08 9:28 AM
Incomplete Cor	nments		Crew: <b>TC</b> , <b>MM</b> Inspector: <b>TomCarter</b> Firm: <b>RJN</b>
Location	Address: 2220 Vail St		Cross Street: <b>Keith Ave.</b>
Manhole			
Maillole		ocation: <b>Roadway</b> /eather: <b>Dry</b>	Ground Conditions: <b>Dry</b> Subject To Ponding: <b>None</b>
Comments	DROP CONNECTION	NS ARE PARTIALLY	CLOGGED AND CLOGGED. STRUCTURALLY ON. CLOGGED DROP CONNECTIONS MAKE
Cover	Shape: Circular	Diameter: 30	(in.) Length: (in.) Dist A/B Grade: 0 (in.)
	Type: Sanitary	Condition: Sour	nd Cover Material: Cast Iron
Properties:	☐ Bolted ✓ Vented	I ☐ Water Tight	☐ Water Tight Insert
Frame	Offset: <b>0</b> (in.)	Condition: 🗸 Sound	☐ Cracked ☐ Leaks
Chimney / Frame Adjustment			
Condition:	☐ Sound ☐ Cracked	d ☐ Root Intrusion	✓ Loose Brick ✓ Deteriorated
Infiltration:	☐ None ☐ Joint [	Cracks V Morta	r 🗌 Roots 📝 Wall
Corbel	Material: Brick	☐ Parge	ed Type: Concentric/Eccentric
Condition:	☐ Sound ☐ Cracked	d ☐ Root Intrusion	✓ Loose Brick ✓ Deteriorated
Infiltration:	☐ None ☐ Joint	☐ Cracks ✓ More	tar 🗌 Roots 🔽 Wall
Barrel	Material: Brick	☐ Parge	ed
Shape:	<b>D-Shape</b> Dian	neter: <b>48</b> (in.) Leng	gth: <b>60</b> (in.)
Condition:	☐ Sound ☐ Cracked	d ☐ Root Intrusion	✓ Loose Brick ✓ Deteriorated
Infiltration:	☐ None ☐ Joint	☐ Cracks ✓ Mor	tar Roots V Wall
Bench	✓ Exists Material: Br	rick	☐ Parged
Condition:	☐ Sound ☐ Cracked	d ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ✓ Debris
Channel	Material: Brick	☐ Parge	ed
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth:			
Condition:	☐ Sound ☐ Cracked	d ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ✓ Debris
Steps Count: 13 Missing: 0 Corroded			
Surcharge	Evidence Of Surch	arge Depth: (	ft.)

# **Manhole Inspection Summary**

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#### Location View



Defect 1



Clogged drop line on incoming 9 o'clock

### Top View



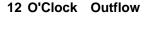
012

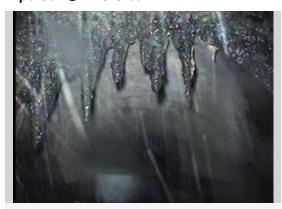
#### **Manhole Inspection Summary**

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36 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock





Pipe Height: **34.8** (in.) Rod and Bar (Angled)
Pipe Material: **Concrete** 

Invert Depth: 23.67 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

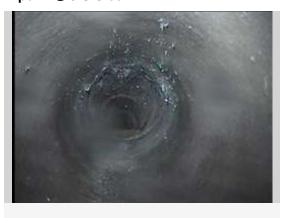
Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** □ Pipe Lined

Invert Depth: 15.25 (ft.) Flow Characteristics: Fast

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

## Drop In @ 3 O'Clock



Drop: Inside Rod and Bar

Angled: **Yes** Reading: **20.67** (ft.)

Inv Depth: 21.67 (ft.)

3 O'Clock Inflow

**Drop Condition: Partly Clogged** 

Connects To: Dead End

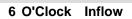
☐ Possible Illicit Connection

#### **Manhole Inspection Summary**

#### Manhole # S63A1\_004MH

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36 in. Circular Gravity Sewer Pipe In @ 6 O'Clock





Pipe Height: **33.6** (in.) Rod and Bar (Angled)
Pipe Material: **Concrete** Pipe Lined
Invert Depth: **23.42** (ft.) Flow Characteristics: **Fast** 

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound** 

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 9 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **14.25** (ft.) Flow Characteristics: **Fast** 

Deposits: ☐ None ☐ Mud ☐ Sludge ✓ Debris ☐ Grease

Silt Depth: **3** (in.) Deposits Extent: **Heavy** Infiltration: **None** Pipe Seal Cond: **Sound** 

# 9 O'Clock Inflow Drop In @ 9 O'Clock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **20.50** (ft.)

Inv Depth: 21.50 (ft.)

Drop Condition: Clogged

Connects To: **Manhole**Possible Illicit Connection